

Expanded Solar For All Program Implementation Plan

Revised October 3, 2023

Clean Version

State of New York Public Service Commission

Case 19-E-0735

Petition of New York State Energy Research and Development
Authority Requesting Additional NY-Sun Program Funding and
Extension of Program Through 2025

Expanded Solar For All Program Implementation Plan

March 21, 2022

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Revision 3 October 3, 2023

Submitted by:

Niagara Mohawk Power Corporation d/b/a National Grid

New York State Energy Research and Development Authority

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Introduction

On January 20, 2022, the Public Service Commission (PSC or Commission) issued an Order approving the first phase of the Expanded Solar For All (E-SFA) program and directed NYSERDA and National Grid to develop an E-SFA Implementation plan in consultation with the Department of Public Service Staff.¹ The E-SFA program allows for NYSERDA to procure sufficient community distributed generation (CDG) projects to achieve a target of \$5 in monthly bill savings for all National Grid Energy Affordability Program (EAP) participants. The Commission found the first phase of the E-SFA to be a reasonable attempt to increase opportunities for low-income customers to share in the benefits of community solar and directed NYSERDA and National Grid to file this Implementation Plan within 60 days of the January 20 Order. The E-SFA Implementation Plan includes:

- a framework for NYSERDA to conduct the Competitive Solicitations to enroll projects in the program;
- a description of whether and how Solar Energy Equity Framework incentives will be provided to enrolling projects;
- utility customer information system and billing system modifications needed to enable seamless customer enrollment and unenrollment in the E-SFA program;
- an updated outreach plan to address new EAP customers beyond the first Program Year;
- details on how credits will be tracked and distributed to customers; and
- customer outreach and education details.

Definitions

The following terms will be used to refer the basic components of the E-SFA:

Value Stack – The value of the output generated by a project as dictated by the VDER tariff rate.

Compensation Level – The percentage of Value Stack compensation the project would receive as payment each month based on its bid accepted in the NYSERDA Competitive Solicitation.

Developer Share – The amount of the Value Stack compensation that will be paid to the developer/owner of a participating solar project, as determined based on the Compensation Level.

Customer Share – The amount of the Value Stack compensation that will be available to allocate to participating customers.

Credit Pool – The aggregation of all Customer Shares. This pool of value will be allocated evenly to all participating customers.

Program Year – The annual cycle for the program, in line with EAP, running from December 1 to November 30.

¹ Case 19-E-0735, *Petition of New York State Energy Research and Development Authority Requesting Additional NY-Sun Program Funding and Extension of Program Through 2025*, Order Approving Expanded Solar for All Program with Modifications (issued and effective Jan. 20, 2022) (“January 20 Order”).

Recalculation Period – Annually, the E-SFA will estimate the amount that will be generated for the Credit Pool for the upcoming Program Year. This will define the Bill Credits to be distributed for the upcoming Program Year.

Bill Credits – The amount of credit that will be applied to a customer’s monthly electric bill as a result of participation in E-SFA.

Floating Credits – The net amount in the Credit Pool compared with the cumulative Bill Credits applied in a given Program Year.

Administrator –National Grid is responsible for administering E-SFA and is referred to as the Administrator in this Implementation Plan.

Eligibility Requirements

CDG Eligibility

CDG Project eligibility for E-SFA is defined in National Grid’s tariff, 29.5.1.1.

Uniform Business Practices for Distributed Energy Resource Suppliers (UBP-DERS) Applicability
Currently, the Providers participating in E-SFA would only be subject to the “Generally Applicable Standards” that apply to all DER suppliers that participate in a Commission-authorized and/or utility or DSP-operated program or market with respect to transactions between the DER supplier and the customer of a distribution utility in New York State. Participating providers will not be subject to Section 3 of the UBP-DERS regarding registration, reporting, and compliance requirements for CDG and Mass-Market DG Providers.

Customer Eligibility

Customer eligibility for E-SFA is defined in National Grid’s tariff, 29.5.1.2.

Enrollment

CDG Enrollment

CDG Competitive Solicitation

On May 3, 2022, NYSEERDA issued a solicitation to competitively select up to 300 MWdc of CDG projects to participate in the E-SFA program. Proposers were required to provide a bid for compensation representing the percentage of Value Stack compensation the project would retain as payment each month and were allowed to request additional NY-Sun incentive funds. Upon closing of the solicitation on June 23, 2022, RFP responses were within the programmatic requirements and targets set by the January 20 Order. A total of 49 project submitted bids, 29 were selected for participation, and 21 projects totaling 121.4 MW² were contracted and commenced enrollment in National Grid’s E-SFA Tariff.

² One project has subsequently been completed at a slightly smaller size than planned, reducing the total capacity under contract as of this filing to 120.5 MW.

On October 17, 2022, NYSERDA filed a Post-Solicitation Report³ detailing the first round of competitive procurement in the E-SFA program.

In Fall 2023, NYSERDA will issue a second round of the Competitive Solicitation seeking community solar projects to participate in Phase 1 of Expanded Solar for All. The solicitation will follow NYSERDA's procurement rules and processes, and will be posted on NYSERDA's Current Funding Opportunities webpage as well as the state Contract Reporter. The application form for submitting bids in response to the solicitation will be incorporated into the existing NY-Sun Salesforce Portal to allow for an efficient bid submittal and review process.

Eligibility will be limited to projects that have received awards under the NY-Sun MW Block program rules. E-SFA project applications may only be submitted by the NY-Sun Participating Contractor associated with the project's existing NY-Sun incentive application, and must be countersigned by the NY-Sun incentive application's payee-of-record (typically the project owner). These requirements ensure that only qualified parties can submit bids, and that only projects with advanced maturity and high certainty of completion will be selected.

From the pool of eligible projects, the solicitation will seek applications that will offer a Compensation Level bid up to a maximum allowable Compensation Level that will be specified in the solicitation. Eligible applications will be ranked by the Compensation Level bid by the project, and applications will be selected in rank order until 179.5 MW dc of eligible community solar projects are procured.

All selected applications will receive written notification from NYSERDA. This notification will confirm their selection and will include the project's Compensation Level as bid. Following receipt of the written notification from NYSERDA confirming selected applications, project owners may submit that notification to National Grid through its nCAP portal (<https://ngus.force.com/s/>). Project owners may then select the Contact Us option, fill out the form, attach the written notification from NYSERDA, and submit it for processing by the Administrator.

NYSERDA and National Grid will encourage, but not require, selected projects to apply for bonus federal Investment Tax Credits ("bonus tax credits") under sections 48(e) and 48E(h) of the Inflation Reduction Act of 2022 (IRA), also known as the "Low-income Communities Bonus Credit Program." If a selected E-SFA project receives an allocation of bonus tax credits under Category 4 (Qualified Low-Income Economic Benefit Project), the project's Compensation Level will be adjusted in a manner detailed in the second round Competitive Solicitation and in National Grid's E-SFA Participation Agreement. These adjustments will be made to ensure that the added value of the bonus tax credits is realized by the low-income residential households participating in E-SFA in the form of greater electric bill savings.

CDG Unenrollment

Project owners of participating community solar projects may choose to unenroll specific projects from E-SFA. To unenroll a participating E-SFA project, an owner must provide written notice to National Grid prior to the start of the upcoming Program Year and will remain enrolled in the program for one full Program Year. Projects that are removed from participation are ineligible to return to E-SFA. NYSERDA

³ Case 19-E-0735, *Petition of New York State Energy Research and Development Authority Requesting Additional NY-Sun Program Funding and Extension if Program Through 2025*, Expanded Solar For All (E-SFA) Program Phase 1: Post Solicitation Report for the Initial Solicitation (October, 17, 2022).

may conduct subsequent solicitations to fill project capacity shortfalls created by project unenrollment. If projects receiving the NY-Sun E-SFA award in the initial round subsequently unenroll from the E-SFA, they may be subject to prorated claw back of Solar Energy Equity Framework (SEEF) funding received.

CDG Capacity

SEEF Funding

To approximate the amount of CDG capacity needed to achieve the \$5 per customer per month target, NYSERDA updated the analysis initially conducted prior to the filing of the E-SFA Petition. This analysis uses reference project economics for multiple community solar project types based on existing compensation level (i.e., projects receiving different Community Credit or Community Adder compensation) and an assumed 3.25% pre-tax IRR hurdle rate. For each reference case, NYSERDA used the VDER Calculator tool to estimate excess Value Stack revenue above this hurdle, which was treated as available savings for the program to distribute to participating customers. Each reference case was assigned an estimated per MW savings based on these calculations.

For the analysis, the per MW savings were scaled up proportionate to the prevalence of the project types represented by each reference case within the current NY-Sun pipeline until the total target savings was reached. It is important to note that this analysis is not intended to be predictive of the results of a competitive solicitation or the final SEEF funding required. It does not account for the competitive selection process or bidder behavior: each MW in the NY-Sun pipeline is treated as having an equal chance of bidding into the final pool of E-SFA projects. Rather, the analysis provides useful insight into the potential ranges of participating project economics, and their resulting need for additional SEEF funding.

Based on the January 20 Order cap of 300 MWdc for Phase 1 of the program, NYSERDA's updated analysis indicates there is a high likelihood that SEEF funds may be required to achieve the \$5 target. However, the analysis also confirms that the Phase 1 E-SFA solicitation can be successfully implemented without exceeding the SEEF expenditure cap set in the January 20 Order. The second round of the E-SFA Competitive Solicitation will not include the option for applicants to seek additional SEEF-fund NY-Sun incentives for their project.

Customer Enrollment

Opt-Out Enrollment

Prior to the program start date, all customers enrolled into National Grid's EAP will be automatically enrolled in the program through an opt-out model. EAP customers will be notified, shortly thereafter and prior to the program start date, of their enrollment into the E-SFA as well as a description of the program and the benefits it provides. Customers who become enrolled in EAP after the program start date will also, subsequently, be enrolled in E-SFA and provided a similar notice. Details around enrollment communications may be found below.

Per the Commission's Order on September 15, 2022,⁴ customers participating in the E-SFA program may simultaneously participate in a CDG project, or simultaneously enroll in a Remote Crediting or Remote Net Metering project.

Customers who become enrolled in E-SFA during the Program Year will begin receiving E-SFA benefits on their next billing cycle from the date of enrollment.

Customer Unenrollment

Enrolled customers may opt-out from the E-SFA at any time with no penalty for leaving the program. Customers can opt-out by contacting National Grid at SolarforAll@nationalgrid.com or calling 1-718-403-2216. National Grid may also make opting-out available online through the Customer's MyAccount portal at a future date.

If an enrolled customer becomes ineligible for EAP benefits, they will also become ineligible for E-SFA and will be notified via bill message as detailed below.

Credit Allocation

CDG Payments

CDG Projects selected during a competitive solicitation, as outlined above, will be enrolled in the program when they become operational and begin generating credits. Projects enrolled in the E-SFA will be paid their Developer Share directly by National Grid on a monthly basis, as determined by the project's generation output for the relevant period.

Customer Bill Credits

Credit Estimation

During each Recalculation Period, the Administrator will be responsible for estimating the upcoming year's Credit Pool. This will be done through the following calculation:

$$\text{Credit Pool} = \text{kW} * 8760 * 0.14 * \$/\text{kWh} * \text{Buffer} + \text{Floating Credits}$$

where kW is the capacity of projects enrolled in the program, \$/kWh is the weighted average Value Stack compensation of the Customer Share for the enrolled projects, and Buffer is a TBD % intended to prevent the program from over-estimating the Credit Pool for the following year. The value 0.14 is the assumed capacity factor of the portfolio of projects, which may need to be adjusted in future years if actual generation is significantly different. Credits generated by projects that become operational during a program year will be added to the Floating Credits for the subsequent year's Credit Pool.

The estimated Credit Pool will be distributed among all participating customers in the form of equal monthly bill credits to be applied to each customer's monthly electric bill for the following Program Year.

$$\text{Bill Credits} = \text{Credit Pool} / (\# \text{ Customers} * 12)$$

⁴ Case 19-E-0735, Petition of New York State Energy Research and Development Authority Requesting Additional NY-Sun Program Funding and Extension if Program Through 2025, Order Modifying Expanded Solar for All Program (issued and effective September 15, 2022).

An illustrative example of the calculations to be performed during the Recalculation Period is found in Appendix A.

Credit Audit and Reconciliation

During each Recalculation Period, if it is found that the Credit Pool was under-estimated for the previous year, the remainder of the Credit Pool may be applied to the following year's estimate as Floating Credits.

If during a Recalculation Period it is found that the Credit Pool was over-estimated for the previous year, that over-estimated amount would be deducted from the following year's estimated Credit Pool and a stricter Buffer may be applied to compensate.

Billing System Upgrades

To effectively administer the E-SFA program, National Grid has needed to add several features to its billing system to execute and track the various elements of the program. These include:

- Customer and CDG Project participation.
- Credit management for CDG Projects in accordance with each Project's Developer Share.
- Input functionality from the Administrator for Bill Credits for the upcoming Program Year.
- Tracking for ongoing payment of Bill Credits and Developer Share payments.
- Reporting of credit management for audit and reconciliation.
- Additional bill line item for customers.
- Administrative Fee tracking and reporting.

National Grid is currently implementing several of these elements related to CDG project payments, and will be implementing the Participating Customer-facing elements in Q3 2023 in anticipation for a customer bill credit start date of December 1, 2023.

Utility Administrative Fee

National Grid will retain 1% of the Value Stack generated by participating CDG Projects to cover the cost of administering the E-SFA program, subject to the provisions of the January 20 Order.

Customer Outreach

Program Rollout Notification

In Q3 of 2023, National Grid will notify all EAP customers receiving National Grid electric service by letter of the start of the program. National Grid will also send notification of the start of the program by email to the EAP customers that National Grid has an email address for. This notification will inform the customers that they will be automatically enrolled in the E-SFA program, a description of the program and its benefits, and several options on how to opt out of the program.

A draft of this letter to EAP customers may be found in Appendix B. The customers will also receive the FAQ document, a draft of which may be found in Appendix D.⁵

⁵ Appendix C is reserved for future use.

Annual Benefits Notification

The EAP program annually notifies customers of updated benefit calculations through a message on the customer's bill. The specifics of those updated benefit calculations are then made available in detail on the EAP website. Following suit, E-SFA will notify customers annually, through added language in the EAP reminder bill message, of updated benefit calculations prior to the start of a new Program Year. The specifics of those updated benefit calculations will then be made available in detail on the EAP website. For a draft of this bill message, please refer to Appendix E

Enrollment Notification

Beyond the initial program rollout, customers who enroll in EAP will automatically be enrolled in E-SFA. Upon enrollment, customers will be notified by letter and email (if an email address is available), informing them that they have been automatically enrolled in the E-SFA program, a description of the program and its benefits, and several options on how to opt out of the program. Please refer to Appendix B for a draft of this letter. The customer will also receive the FAQ document, a draft of which may be found in Appendix D.

Enrollment Reminder Notification

As a part of the EAP program, customers are notified via a message on the customer's bill when they are due to re-enroll for their HEAP benefits, thereby keeping their eligible status for EAP. Since E-SFA eligibility is tied to EAP enrollment, customers will be notified in the same bill message of how their enrollment status is tied to their E-SFA eligibility. For drafts of these bill messages, please refer to Appendix F.

Unenrollment Notification

As a part of the EAP program, customers are notified via Bill Message when they are unenrolled from EAP. Since E-SFA eligibility is tied to EAP enrollment, customers will be notified in the same Bill Message of their unenrollment from E-SFA. For a draft of this Bill Message, please refer to Appendix G.

Implementation Costs

National Grid will not increase revenue requirements to administer the E-SFA program. Instead, National Grid will be responsible for bearing all costs incurred during implementation and will reimburse itself those costs through the collection of the Utility Administrative Fee, subject to the provisions of the January 20 Order. The administrative costs incurred in implementing E-SFA will be individually tracked and reported annually to the Commission. These costs include:

- Administrative Labor
- Billing System Upgrades
- nCAP Portal Upgrades
- Customer Portal Upgrades
- Customer Outreach

On April 7, 2023, National Grid filed the Expanded Solar for All Program 2022 Administrative Costs Report detailed costs incurred in calendar year 2022.⁶

Timeline

As noted above, implementation required updates to several of National Grid's internal and external-facing systems. The Billing System upgrades, to be completed in Q3 2023, will allow National Grid to facilitate the disbursement of credits to enrolled customers, and track ongoing disbursements of credits. Customer Portal upgrades will allow enrolled customers to review their enrollment status in E-SFA and review the program benefits, including personalized benefit information. The nCAP portal changes have facilitated the enrollment process for community solar projects. The notification of program rollout will be sent to customers at least 60 days in advance of the Recalculation Period to allow for customers wishing to opt-out of the program to do so. National Grid anticipates that it may begin the disbursement of credits to customers with the first billing cycle following start of the first Program Year on December 1, 2023.

In the January 20 Order, the Commission directed "...NYSERDA and National Grid to make all reasonable efforts to develop a timeline that allows for the first Program Year to commence on April 1, 2022" ... "as proposed in the Joint Petition." Due to the system updates and competitive solicitation timelines required to implement E-SFA, commencement of the first Program Year on April 1, 2022 did not occur. Instead, NYSEDA and National Grid propose the anticipated timeline detailed above.⁷

NYSERDA and National Grid have postponed the commencement of the first Program Year based on the outcome of the first round of the competitive solicitation. The shifting of the first Program Year will allow time for more selected projects to become operational and therefore able to be accounted for in the Recalculation Period, and for NYSEDA and National Grid to run a second round of the competitive solicitation.

Regarding the ongoing communication to customers, National Grid will follow the schedule below:

Message	Timing	Message Type
Annual Benefits Notification	30 days prior to Program Year start	Bill Message
Enrollment Notification	Immediately upon enrollment	Mail/Email
Enrollment Reminder Notificaiton	12 months after enrollment	Bill Message
Unenrollment Notification	Immediately upon unenrollment	Mail/Email

Please note, National Grid intends to sync all customer communications regarding the E-SFA program with existing communications from the EAP program.

⁶ Case 19-E-0735, *Petition of New York State Energy Research and Development Authority Requesting Additional NY-Sun Program Funding and Extension if Program Through 2025*, Expanded Solar for All Program 2022 Administrative Costs Report (April 7, 2022).

⁷ The change in Program Year start date from April 1 to December 1 also aligns with the EAP Program Year, per the Commission's Order August 12, 2021 in Case 14-M-0565, *Proceeding on Motion of the Commission to Examine Programs to Address Energy Affordability for Low Income Utility Customers*, Order Adopting Energy Affordability Policy Modifications and Directing Utility Filings (issued and effective Aug. 12, 2021).

Conclusion

National Grid and NYSERDA will continue working with Staff and other stakeholders to enable the successful and efficient implementation of Expanded Solar for All to facilitate low-income customer participation in the clean energy economy and help the State achieve its clean energy goals. In addition to advancing the measures identified in this E-SFA Implementation Plan, National Grid and NYSERDA will work with Staff and others on other deliverables from the January 20 Order, and look forward to future discussions with Staff and others on E-SFA program implementation.

Customer Credit for Program Year 1

Forecasted Program Year 1 average CDG value stack rate (\$/kWh) \$0.11533 *use CY21 average CDG VS rate as a proxy estimate for this illustrative example*
Admin Fee % 1.00%

	Project kW size ¹	Capacity Factor Est	Estimated Annual kWh Injections	Estimated Value Stack	CDG Compensation Level	CDG Est Payment	Admin Fee	Customer Share less Admin Fee
CDG project 1	30,000	0.14	36,792,000	\$4,243,299	80%	\$3,394,639	\$42,433	\$806,227
CDG project 2	30,000	0.14	36,792,000	\$4,243,299	79%	\$3,352,206	\$42,433	\$848,660
CDG project 3	30,000	0.14	36,792,000	\$4,243,299	75%	\$3,182,475	\$42,433	\$1,018,392
CDG project 4	30,000	0.14	36,792,000	\$4,243,299	80%	\$3,394,639	\$42,433	\$806,227
CDG project 5	30,000	0.14	36,792,000	\$4,243,299	70%	\$2,970,310	\$42,433	\$1,230,557
CDG project 6	30,000	0.14	36,792,000	\$4,243,299	80%	\$3,394,639	\$42,433	\$806,227
CDG project 7	30,000	0.14	36,792,000	\$4,243,299	80%	\$3,394,639	\$42,433	\$806,227
CDG project 8	30,000	0.14	36,792,000	\$4,243,299	78%	\$3,309,773	\$42,433	\$891,093
CDG project 9	30,000	0.14	36,792,000	\$4,243,299	76%	\$3,224,908	\$42,433	\$975,959
CDG project 10	30,000	0.14	36,792,000	\$4,243,299	75%	\$3,182,475	\$42,433	\$1,018,392
	300,000							
							Total	\$9,207,960

¹ actual project size may not exceed 5 MW but for illustration use 10 projects at 30 MW each to estimate forecasted 300 MW for phase 1

Credit Pool = Customer Share less Admin Fee + Buffer + Floating Credits + NYSERDA Solar For All Credits

Customer Share less Admin Fee	\$	9,207,959.59	
Buffer 10%	\$	(920,795.96)	<i>Buffer is to avoid overcompensation due to forecasting error</i>
Previous Year Floating Credits	\$	-	
NYSERDA Solar for All Credits	\$	-	<i>show credits transferred as a positive amount</i>
Credit Pool =	\$	8,287,163.63	

Bill Credits = Credit Pool / (number of customers enrolled at end of previous year * 12)

PY1 start EAP customer count	176,646	
PY1 Bill Credits =	\$ 3.91	<i>per monthly bill per customer</i>

Reconciliation of Program Year 1

Program Year 1 actual average CDG value stack rate (\$/kWh)	\$0.13000
Admin Fee %	1.00%

		Actual Capacity	Actual Annual kWh		CDG			Correct
	Project kW size	Factor	Injections ¹	Actual Value Stack	Compensation	Actual CDG	Actual Admin	Customer
					Level	Payments	Fee	Share less
								Admin Fee
CDG project 1	30,000	0.14	36,792,000	\$4,782,960	80%	\$3,826,368	\$47,830	\$908,762
CDG project 2	30,000	0.15	39,420,000	\$5,124,600	79%	\$4,048,434	\$51,246	\$1,024,920
CDG project 3	30,000	0.16	42,048,000	\$5,466,240	75%	\$4,099,680	\$54,662	\$1,311,898
CDG project 4	30,000	0.2	52,560,000	\$6,832,800	80%	\$5,466,240	\$68,328	\$1,298,232
CDG project 5	30,000	0.1	26,280,000	\$3,416,400	70%	\$2,391,480	\$34,164	\$990,756
CDG project 6	30,000	0.12	31,536,000	\$4,099,680	80%	\$3,279,744	\$40,997	\$778,939
CDG project 7	30,000	0.25	65,700,000	\$8,541,000	80%	\$6,832,800	\$85,410	\$1,622,790
CDG project 8	30,000	0.12	31,536,000	\$4,099,680	78%	\$3,197,750	\$40,997	\$860,933
CDG project 9	30,000	0.17	44,676,000	\$5,807,880	76%	\$4,413,989	\$58,079	\$1,335,812
CDG project 10	30,000	0.18	47,304,000	\$6,149,520	75%	\$4,612,140	\$61,495	\$1,475,885

¹actual reconciliation will use actual injections instead of calculated injections above

Total \$11,608,927

PY1 end EAP customer count	185,478	0
Actual Bill Credits to customers	\$ 8,494,343	<i>uptick in EAP customers mid-year, simulated to have received credits for 6 months</i>
Correct Customer Share less Admin Fee	\$ 11,608,927	
Reconciliation Amount	\$ 3,114,584	<i>under /(over) credited</i>
Reconciliation carrying charges	\$ 325,786	
Floating Credit	\$ 3,440,370	<i>under /(over) credited</i>

Customer Credit for Program Year 2

Program Year 1 average CDG value stack rate (\$/kWh) \$0.13000 *use previous year average as a proxy estimate for this illustrative example*
Admin Fee % 1.00%

			Estimated		CDG			
	Capacity Factor		Annual kWh	Estimated Value	Compensation	CDG Est		Customer Share
	Project kW size	Est	Injections ¹	Stack	Level	Payment	Admin Fee	less Admin Fee
CDG project 1	30,000	0.14	36,792,000	\$4,782,960	80%	\$3,826,368	\$47,830	\$908,762
CDG project 2	30,000	0.14	36,792,000	\$4,782,960	79%	\$3,778,538	\$47,830	\$956,592
CDG project 3	30,000	0.14	36,792,000	\$4,782,960	75%	\$3,587,220	\$47,830	\$1,147,910
CDG project 4	30,000	0.14	36,792,000	\$4,782,960	80%	\$3,826,368	\$47,830	\$908,762
CDG project 5	30,000	0.14	36,792,000	\$4,782,960	70%	\$3,348,072	\$47,830	\$1,387,058
CDG project 6	30,000	0.14	36,792,000	\$4,782,960	80%	\$3,826,368	\$47,830	\$908,762
CDG project 7	30,000	0.14	36,792,000	\$4,782,960	80%	\$3,826,368	\$47,830	\$908,762
CDG project 8	30,000	0.14	36,792,000	\$4,782,960	78%	\$3,730,709	\$47,830	\$1,004,422
CDG project 9	30,000	0.14	36,792,000	\$4,782,960	76%	\$3,635,050	\$47,830	\$1,100,081
CDG project 10	30,000	0.14	36,792,000	\$4,782,960	75%	\$3,587,220	\$47,830	\$1,147,910
				\$47,829,600		\$36,972,281	\$478,296	\$10,379,023
Total							Total	\$10,379,023

Credit Pool = Customer Share less Admin Fee + Buffer + Floating Credits + NYSERDA Solar For All Credits

Customer Share less Admin Fee	\$	10,379,023	
Buffer	\$	(1,037,902)	<i>Buffer is to avoid overcompensation due to forecasting error</i>
Previous Year Floating Credits	\$	3,440,370	
NYSERDA Solar for All Credits	\$	-	<i>show credits transferred as a positive amount</i>
Credit Pool =	\$	12,781,491	

Customer Credit = Credit Pool / (number of customers enrolled at end of previous year * 12)

PY2 start EAP customer count	185,478	
PY2 Bill Credits =	\$	5.74 <i>per monthly bill per customer</i>

August 1, 2022
Bill Account Number: XXXXX-XXXXX
Service Address: 123 Main St Albany NY12047

NY 12 CUSTOMER LETTER 00XX XXXXX
123 Main St. Albany NY 12047

Subject: WELCOME TO NATIONAL GRID'S EXPANDED SOLAR FOR ALL PROGRAM

Dear Valued Customer,

Our records indicate that you currently receive benefits through National Grid's Energy Affordability Program (EAP). As such, you are now eligible to receive additional benefits through the new Expanded Solar for All (ESFA) program. This program automatically gives you **discounts on your energy bill** in addition to those you receive through EAP. No additional action is required to receive these benefits.

As part of the program, National Grid is partnering with developers of **Community Solar** to provide bill credits generated by solar generation facilities to all enrolled customers. As National Grid partners with more solar generation facilities, the discounts on your energy bill will increase.

For more information regarding ESFA, please see the included questions and answers flyer.

You may choose to "opt out" of the ESFA at any time by:

- Signing the stub at the bottom of this letter and sending it back in the included reply envelope;
- Emailing us at affordability@nationalgrid.com, or;
- Calling our Energy Affordability Team at 1-866-305-1915.

0083 12

300 Erie Blvd. West, Syracuse, NY 13202-4250
1-866-305-1915 • www.nationalgrid.us.com

Bill Account Number: XXXXX-XXXXX

Name: NY 12 CUSTOMER LETTER 00XX

Service Address: 123 Main St.
ALBANY NY 12047

Energy Affordability Program Budget Opt-Out
Please sign below if you elect to opt-out of the Budget Plan:

ATTN: EXPANDED SOLAR FOR ALL PROGRAM, C-3
NATIONAL GRID
300 ERIE BLVD WEST
SYRACUSE, NY 13202-4250

If you have any questions, please call our Energy Affordability Team at 1-866-305-1915, 8:00 am - 4:30 pm, Monday through Friday.

Sincerely,

National Grid, Energy Affordability Team

This is an important notice. Please have it translated.

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Avis important. Veuillez traduire immediatement.	Questa E un'informazione importante,	soot ero nepesesiii.
	Si prega di tradurla.	

Appendix C

Reserved for Future Use



Expanded Solar for All, Questions and Answers

We are pleased to welcome you to National Grid's Expanded Solar for All (ESFA) program. As a participant in National Grid's Energy Affordability Program (EAP), you will be automatically enrolled in the ESFA program that provides additional discounts on your electric bill.

How does the ESFA program work?

National Grid has partnered with the New York State Energy Research and Development Authority (NYSERDA) to enroll several hundred megawatts of community solar into the ESFA program. Those enrolled solar generation facilities are paid for the electricity generated by those facilities. By participating in the ESFA program, the owners of those solar generation facilities have agreed to provide a share of those payments to participating customers, like yourself.

What is Community Solar?

Compared to traditional rooftop solar, community solar facilities are much bigger and are generally installed in a large, open space. Developers of community solar facilities must enroll subscribers from their communities, and in exchange, those subscribers receive bill discounts on their electric bills.

What are the advantages to participating in ESFA?

Being enrolled in ESFA, you will receive discounts on your National Grid electric bill, in addition to those you already receive through EAP.

What does it cost to participate in ESFA?

There are no additional costs to receive benefits from ESFA. As long as you are enrolled in EAP, you will also be eligible for ESFA.

Will ESFA benefits change?

A set monthly bill discount will remain in effect for one year, beginning Dec. 1. Each year, National Grid will update that bill discount based on the amount of solar generation facilities participating in the program. The more solar generation facilities, the greater the discount. You can review the current or upcoming year's ESFA discounts by visiting <https://www.nationalgridus.com/Upstate-NY-Home/Bill-Help/Energy-Affordability-Program>.

I already subscribe to community solar. Can I still participate in ESFA?

Yes, you can still participate in ESFA. On September 15, 2022, the Public Service Commission approved a petition to allow customers who are eligible for ESFA to participate in ESFA in addition to another CDG program.

What else can I do to save money on my bill?

Energy Efficiency is a critical component to help assist income eligible customers in managing their energy costs. Visit <https://www.nationalgridus.com/Upstate-NY-Home/Energy-Saving-Tips/> for energy saving tips and programs.

If you have any questions, please call our Energy Affordability Team at 1-866-305-1915, 8:00 am - 4:30 pm, Monday through Friday.

EAP NIMO 2713 - Message for Energy Affordability Program update- NOV:

*IMPORTANT INFORMATION about the Energy Affordability Program (EAP) and Expanded Solar for All (ESFA): Bill discounts are reviewed on an annual basis and may be increased or decreased. New discounts are in effect as of December 1, 2022. Please visit our website at **ngrid.com/discount** to learn more about this change.*

EAP NIMO 2713 - Message for Energy Affordability Program reminder- NOV-MAY - 2713:

Your Energy Affordability Program (EAP) monthly bill discount is set to expire in two months. This will also affect your eligibility to Expanded Solar for All. To stay in the program and keep receiving bill discounts you must apply to your local Department of Social Services (DSS) office and receive HEAP on this National Grid account. If you received HEAP this season for a fuel provider other than National Grid, you will need to send a **copy of your award letter** by email to Affordability@nationalgrid.com or mail it to: Attn: Energy Affordability Program, C-3, National Grid, 300 Erie Blvd W, Syracuse, NY 13202. For any questions, please contact the Energy Affordability Team at 1-866-305-1915, 8:00 am - 4:30 pm, Monday through Friday or visit our website: _Ngrid.com/discount

EAP NIMO 2714 - Message for Energy Affordability Program reminder- APR-OCT - 2714:

Your Energy Affordability Program (EAP) monthly bill discount is set to expire in two months. This will also affect your eligibility to Expanded Solar for All. If you are removed from the program, you can only be re-enrolled by receiving HEAP from your local Department of Social Services (DSS) office when the program re-opens in November. If you received HEAP this season for a fuel provider other than National Grid during the current HEAP season, you will need to send a **copy of your award letter** by email to Affordability@nationalgrid.com or by mail to: Attn: Energy Affordability Program, C-3, National Grid, 300 Erie Blvd W, Syracuse, NY 13202. For any questions, please contact the Energy Affordability Team at 1-866-305-1915, 8:00 am - 4:30 pm, Monday through Friday or visit our website: Ngrid.com/discount

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EAP NIMO 2715 - Message for Energy Affordability Program Termination - APR-OCT – 2715:

Your Energy Affordability Program monthly bill discount has expired. This also means your enrollment in Expanded Solar for All has also expired. To re-enroll in the program and resume receiving bill discounts you must apply to your local Department of Social Services office and receive HEAP on this National Grid account. HEAP is usually available from November through March and you are encouraged to apply during that time. If you received HEAP this past season for a fuel provider other than National Grid, you need to send a **copy of your award letter** by email to Affordability@nationalgrid.com or mail it to: Attn: Energy Affordability Program, C-3, National Grid, 300 Erie Blvd W, Syracuse, NY 13202. For any questions, please contact the Energy Affordability Team at 1-866-305-1915, 8:00 am – 4:30 pm, Monday through Friday or visit our website: Ngrid.com/discount